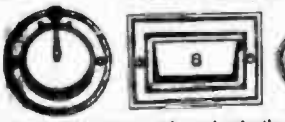
DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



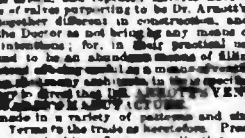
made on the true principles, and under the immediate direction of Dr. Arnott. All architects and builders are, or ought to be informed, that to secure ventilation really constructed on Dr. Arnott's principle, they must be procured from the original manufacturer. Great abuses have arisen, and repeated failures have taken place, through the use of valves purporting to be Dr. Arnott's, but which contain first, altogether different in construction, and have been abandoned by the Doctor as not being by any means calculated to answer; and in the numerous cases, in daily practical use, they are universally found to be an abundant means of filling the room with smoke, instead of creating ventilation by means of ventilation. The result is so strongly unfavourable in the generality of buildings, have found it necessary to direct that DR. ARNOTT'S VENTILATORS shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, at prices from 6s. to 35s., may be had of the trade or householders. Prospectus, with pattern and sizes, to be had (post free) on application.

F. EDWARDS, 48, Poland-street, Oxford-street.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements



Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 11 by 6.			Second size, 16 by 9
Plain Iron Valve	6	0		9 6
Bronzed and Leathered	7	0		10 6
Japanned, white with gold lines	11	6		16 6
Ditto with Trellis-work	17	6		25 6
Brass Front, lacqd. or bronzed	13	6		19 6
Ditto with Trellis work	19	6		27 6

Ventilators of any description made to order.

Manufactured by MART and SONS, 68, 54, 55, Wych-street, Strand, London.—Post-office orders payable at 325, Strand.

VENTILATION—PURE AIR.

Sherringham's Ventilator, for the admission of pure air through an

EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 6s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the rooms is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, Sole Manufacturers, 196, Blackfriars road, and 117, Union-street, Borough; and of all respectable Ironmongers, Builders, &c.

MOORE'S PATENT LEVER VENTILATOR.

The principle of the LEVER VENTILATOR is simple and most effective, which will be seen by the accompanying Drawing, and in action is so arranged that no accident can occur to the Glass Louvres, nor is it in any way likely to get out of order. The whole of the frame, louvres, and screws, are made of brass, thereby avoiding rust. It is suited to most forms of sashes, and is opened and closed with great facility, and can be regulated to any quantity of ventilation. Its action is produced by a line, which pulled, opens the Louvres, and, when loose, closes air-tight. It takes less space than any other Ventilator, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres thrown outward, by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Ventilators should give the eight measures of the sash for which they are intended. A cheaper description of this ventilator made for churches, chapels, bed-rooms, workshops, &c.

JOHN MOORE and SONS, Church, Turret, and House Clock Manufacturers, 20 & 21, Clerkenwell-close, London; Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China. N.B.—A List of the Clocks made at the above Manufactory can be had either by post or otherwise.

NOIRSAIN'S VENTILATING GRATES and STOVES.

—A long sought-for desideratum at last obtained. Great Economy in Fuel, entire Prevention of Smoking in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

M. NOIRSAIN solicits the attention of the public and scientific men to his patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at his Depôt, 12, REGENT-TERRACE, by any visitor. The highest testimonials given. Prices from Two Guineas upwards.

TOZER'S PATENT VENTILATING GAS STOVE,

for halls, shops, offices, &c., price 35s. This stove is constructed on the principle of ventilation, combined with economy, the consumption of gas being only 2d. for twelve hours. The absence of all smoke and dust particularly recommends it for the use of libraries or wherever warmth is required. Also TOZER'S PATENT SUPPLY, to burn coke, suitable for village churches, &c.—T. TOZER, Ironmonger and Manufacturer, 53, Dean-street, Soho.

CHOPS and STEAKS BROILED by GAS,

with rapidity, for less than the Half-penny. GAS APPARATUS for HEATING LAUNDRESSES' BATTERS, and TAILORS' IRONS, and PATENT CALORIFERE GAS STOVES for warming halls, shops, rooms, conservatories, or any place without a chimney; and many other Gas Apparatus for sale or hire. Apparatus for heat may be seen at CHLORIDE LIGHTING COMPANY, [illegible]

STOVES, RANGES, GAS FITTINGS,

BENHAM and FINK and COMPANY defy competition in the above articles, if durability, combined with elegance of design, is deemed an indispensable requisite.

B. and F. especially call the attention of Architects and Builders to their Improved Register Stoves, of which they have the largest and best selected stock of STOVE GRATES and GAS FITTINGS in the kingdom. Their stock includes Bengbaum's Patent Register Stoves, with ventilating fronts; Dietz's ditto, and patent portable ditto; Smart's ditto; Cottage Ranges and Kitchen Ranges, with all the latest improvements for economising fuel and perfecting cooking apparatus. As a proof of their ability to furnish the mansion or the cottage they submit the following scale of prices:—

Fine cast black Register Stoves, 2 feet wide, from 16s. to 18l.
Highly finished Drawing-room Stoves, from 6l. to 40 guineas.
Cottage Ranges, with boiler and self-acting oven, from 30s.
Improved Kitchen Ranges, with boiler, self-acting oven, and bright fittings, from 6l.

Very strong Kitchen Ranges, with self-acting oven, best wrought iron steam boiler, bright fittings, and bright spit racks, from 10 to 18 guineas.

3-light, white china, gas Chandeliers, from 20s.
3 light ditto ditto. from 3 to 10 guineas.

NOTE THE ADDRESS.—BENHAM and FINK and COMPANY, 29 and 30, CHEAPSIDE, LONDON.
Wholesale entrance, 1, IRONMONGER-LANE.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 120, Shoreditch.

Improved Cottage Ranges, with	30	32	34	36 inch.
Large Oven and Boiler	20s.	22s.	25s.	34s.
Best Self-acting Ranges, with Oven and	34	36	38	42 inch.
Back Boiler, Bright Wrought Bars	34s.	36s.	40s.	42s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 3½d.
Register Stoves, with Solid Bars, per inch, 5d. Best Solar, with Fire Brick Back, per inch, 4½d.
Bright Stoves, with Two Fires, 50s. to 100s. each.

Cast Plain water Pipe	3	3½	3 inch.
	8d.	10d.	1s. per yard.
Cast Gutters—4 inch, 8d. per yard.			
	5	6	6½ inch.
O. G. Gutters	11d.		1s. per yard.
Best Cut Clasp	11	13	3 inch.
and Rose	14s. 6d.	15s. 18s. 6d.	19s. per cwt.

Sheet Flooring Bands, 12s. 6d. per cwt.
1-inch Cut Lath, 14s. Cast Lath, 8s. 6d.
6-inch 3-Bush Rd. Wood Mortice, with best Furniture and Patent Spindles, 2s. 6d. Light Elliptic and Register Metal, 22s. per cwt.
Hot Water Pipes, 8s. 6d. per cwt.
Dr. Arnott's Ventilators, 5s. each.
An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

TO BUILDERS AND CARPENTERS, &c.

J. H. BOOBBYER and CO., late Sturch

& and Boobbyer, Iron-mongery, Brass Founders, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for Cash supply all Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

14s. 6d.	16s. 6d.	18s.	22s. 6d.	per cwt.
14	11	8	9	3 inch.

Best Bright Tower Bolts.

1s. 2d.	1s. 7d.	2s. 8d.	3s. 6d. per dozen.
3	4	5	6 inch.

Best Patent flush Lifts.

4s.	4s. 6d.	5s. 6d.	7s.	10s. 6d. per gross.
No. 1	2	3	4	5

Cast Lath Nails, 10s. per cwt. Air Bricks, 2s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.

10 by 6 inches	5s. each.
14 by 9	8s. "

An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Mortice Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo horn, brass, &c., with Finger-plates, Bell-pulls, and Levers en suite.

B. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufacturers at the lowest prices.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, begs to inform the above Trades that he has now added the business of the late Mr. WILLIAMSON to his own old-established concern, and respectfully invites an inspection of his immense stock of Ironmongery, which cannot be equalled in London, every article being of the best quality and lowest possible prices:—

Elliptic Stoves, double backs, 32d. per inch.
Register Stoves, 3d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and hook boilers, best wrought bars and bright fittings:—
3 ft., 3l. 15s.; 3 ft. 6 in., 3l. 4s.; 4 ft., 3l. 15s.
3-feet Cottage Ranges, with ovens and hook boilers, 30s. each.
3-feet self-acting ditto, ditto, 33s. each.

Air Bricks, 1s. 6d. per doz.—1-inch Cut Lath Nails, 4s. 6d. per cwt.

Best Patent Cut Clasp.

14	11	9½	8	1 inch and larger.
14s. 6d.	14s.	13s. 6d.	13s.	per cwt.

Best Sheet Floor Bands, 12s. 6d. per cwt.
Best Town Glue, 30s. Ditto, Scotch, 40s. per cwt.

Best Patent flush Lifts.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRONMONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER,

128 and 127, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholders, blind-makers, smiths, wheelwrights, &c., at wholesale prices:—

Best Cut Sheet Flooring Bands, 12s. 6d. per cwt.
Best Cut Clasp and Rose ... 14s. 6d. 16s. 18s. 6d. 22s. 6d. 3 in. 25s. per cwt.
Cast Lath, 8s. 6d. per cwt.; Sash Weights, 4s. per cwt.
Sash Pullies, 2s. per gross.
Cast Butts, per dozen pair:—2-in., 10d.; 2½-in., 1s. 2d.; 3-in., 1s. 9d.

Iron Rain-water pipe	3	3½	3 in.
	8d.	10d.	1s. 1d. per yard.
Half Round Gutter	3	3½	4 in.
	7d.	7½d.	8½d. "
O G Gutter	6	6½	8 in.
	10d.	1s.	1s. 4d. "

Air Bricks, 2s. 4d. per dozen. Hooping for Boxes, 3s. 6d. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
2-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 30s. each.
3-ft. ditto, with Wrought Bars and Bright Fittings, 40s. each.
Register Stoves, with Double Backs, 6d. per inch.
Elliptic Stoves, with Double Backs, 3½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 3l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.

A large assortment of Rim, Mortice, Drawback, Iron Gate, and other Kinds of Locks and Latches. An extensive Stock of neat and useful Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell-pulls en suite.
Bar, Hoop, Sheet and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea thereof can be given only by inspection; and the most extensive Ironmongery and Stove Establishment in the Kingdom, with [illegible]

COUNCIL MEDAL

of the GREAT EXHIBITION, awarded to Messrs. HOOLE and [illegible]

DRAWING-ROOM STOVE GRATES.

Visitors of these stoves and feeders have been purchased by [illegible] 18, Wigmore street, Cavendish-square, London, [illegible] invite an inspection of them in their show-rooms [illegible] Hyde Park.

DEBRIES' PATENT GAS BATH.—By

the use of the above a hot bath can be obtained in six minutes, for less than 2d. Every family should provide itself with this invaluable requisite, its limited cost placing it within the means of all, and its simplicity within the management of a child. Debries' Economic Gas Cooking Stove, more adapted for all establishments, large or small, and used only to be seen to be appreciated, for their clean, prompt and economy, entirely dispensing with all coal. To be seen daily in operation (Saturday excepted) at 149, Regent-street; and also in action, Debries' Dry Gas Meter, 40,000 in use. The apparatus can be applied for all heating purposes.

COOKING RANGES.—NICHOLSON'S

PRIZE COTTAGE COOKING and other GRATES, which obtained the premiums offered by the Royal Agricultural Society at the York and Exeter meetings, may be seen in Prince Albert's Model Room in Cottage-street, in the Model Structure of the Society for Improving the Condition of the Labouring Class in the Great Exhibition Building, and at his allotment there (No. 87, Class B, where also are exhibited his recent improvements in large Cooking Grates, including the newly-invented Cosmopolitan Cooking Stove, or complement of Kitchen Apparatus in one piece, and his Anglo-German Cooking Stove for Cottagers, Emigrants, &c., to which a silver medal was specially awarded at the Exeter show. They may be seen at NICHOLSON'S, Jermyn-street, London, and of most respectable Country Ironmongers. Price lists and full particulars will be sent on application to the Manufacturer (inclosing 1d. postage stamps), Newark-on-Trent. N.B. Intending purchasers of kitchen grates are earnestly requested in default of receiving satisfactory information, to apply to the manufacturer direct.

MANUFACTURERS to the TRADE of

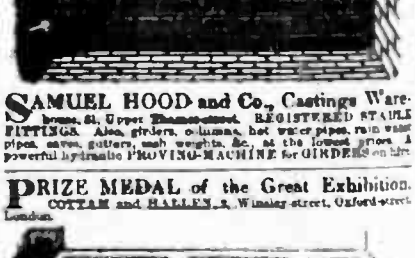
COOKING STOVES, by GAS or FUEL, either close or open. Register, Elliptic, and every description of Grate, of the best designs, including those with fire-brick back.
Bright Stoves, for dressing-rooms.
Hot Air Stoves, for public buildings, shops, or halls, with means of cooling or descending flue.
Ship and Yacht Stoves, for cooking and warming.
Cranes, Jibs, &c.
Railing and Balcony Work.
Fire and Garden Engines, and every variety of Force and Lift Pumps.
Wrought-iron FIREPROOF BOOK SAFES and Deed Boxes; also in cast-iron.
Iron Bedsteads and Cots of all kinds.
Hot Water and Steam apparatus for heating buildings of any size and description.
GRIGG and JENKINSON, in addition to the articles enumerated, manufacture all kinds of ironwork; and as everything is executed on their own premises, under their immediate superintendence, they can offer great facilities in price, &c. They respectfully solicit a trial.
GRIGG and JENKINSON, Finsbury Iron Works, 113 and 120, Bunhill-row, London.

WARMING AND VENTILATION.—

D. and E. BAILEY, 272, Holborn, having had many years' experience in Warming Buildings by Hot Water, continue to erect HOT-WATER APPARATUS on the most improved principles for Mansions, Conservatories, and other Horticultural Buildings; and they also erect Conservatories, Hothouses, &c., in wood or metal. D. and E. BAILEY invite the public to an inspection of their stock of Stoves, Fenders, Fire-irons, &c., as well as the most complete and economical Portable Cooking Apparatus, or "Cottager's Stove," equally suitable for Cottages, Shooting-Lodges, Yachts, or for persons emigrating.
Dr. Arnott's Ventilating Valve.

WARMING BY HOT WATER.—

J. WEEKS and CO.'S HOT WATER APPARATUS may be seen in extensive operation on their premises, King's-road, Chelsea; they have also erected their apparatus for various purposes throughout the kingdom; reference can be given in almost every district. They beg particularly to refer to their own establishment, and also to that of Mr. Sheldrake's extensive carriage repository, Halkin-street, Hyde-park-corner, where the apparatus may be seen in operation. Greenhouses, Pinaceries and Stacks of Pipes in great variety, applicable for warming churches, mansions, entrance halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, suggested to be the most efficient and economical of any yet introduced.—J. WEEKS and CO., Hot Water Apparatus Manufacturers, King's-road, Chelsea.

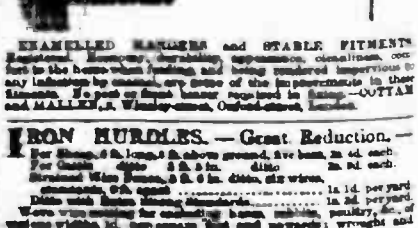


SAMUEL HOOD and Co., Castings Ware-

house, 61, Upper Thames-street, REGISTERED STABLE FITTINGS. Also, girders, columns, hot water pipes, rain water pipes, eaves, gutters, sash weights, &c., at the lowest prices. A powerful hydraulic PROVING-MACHINE for GIRDERS on the

PRIZE MEDAL of the Great Exhibition.

COTTAM and HALLEN, 2, Winsley-street, Oxford-street, London.



ENAMELLED MANGERS and STABLE FITMENTS, Bronzed, Copper, and Brass Cocks, Valves, Cisterns, Chandeliers, constant to the home-trade, for Hotels, and being provided and superintended by any Inspector by command, are those of the Proprietors in their fittments. No part of Stable Manger required in fixing.—COTTAM and HALLEN, 2, Winsley-street, Oxford-street, London.

IRON HURDLES. — Great Reduction. —

Per Sheep, 4 ft. long, 2 ft. above ground, five bars, 2s. 6d. each.
For Goats ditto 3 ft. 3 in. ditto 2s. 3d. each.
Patented Wire Fence, 5 ft. 6 in. ditto, six wires,
standards, 6 ft. apart ..... 1s. 1d. per yard
Ditto with Rustic Hoop Standards ..... 1s. 3d. per yard.

Iron wire netting for enclosing farms, gardens, poultry, &c., of any size, width, and gauge required, and cut to order; wrought and cast iron gates, hurdles, and every description of garden fence, of every variety. Iron and brass fenders, with iron frame and hopper, brass bearings and regulating screw, 4l. 4s. each. Chaff engines, of best construction, portable framing, and fly-wheel, with two knives to cut chaff, thatches per hour, 4l. 4s. each. Gardens or fodder, to cut chaff, thatches per hour, 4l. 4s. each.

STEPHENSON and PHILL, 37, Gracechurch-street, City; and at the Manufactory, 17, New Park-street, Southwark.